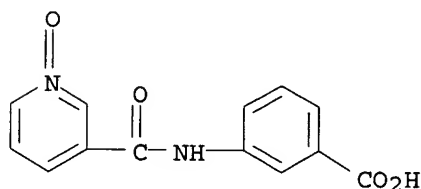
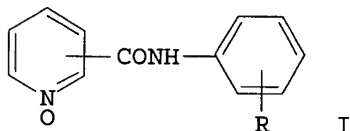


AB Thirteen pyridine carboxylic acid derivs. (I) were prepd. and tested for antiinflammatory, antipyretic, and analgesic effects in rats and mice. All compds. tested inhibited kaolin- or formalin-induced swelling, and no relation existed between the position of the carboxyl group in the Ph residue and antiinflammatory effectiveness. Substitution of NH at X with O decreased antiinflammatory activity. Isonicotinic acid derivs. contg. a carbomethoxy group had the greatest antipyretic and analgesic activities. LD50 values were given for all compds.

AN 1978:15765 CAPLUS
DN 88:15765
TI Antiinflammatory activity of some new pyridine carboxylic acid derivatives
AU Klebanov, B. M.; Ryabukha, T. K.; Portnyagina, V. A.; Danilenko, V. F.; Get'man, G. A.
CS Kiev. Nauchno-Issled. Inst. Farmakol. Toksikol., Kiev, USSR
SO Fiziologicheskii Aktivnye Veshchestva (1977), 9, 17-19
CODEN: FAVUAI; ISSN: 0533-1153
DT Journal
LA Russian
IT 62833-95-8
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(pharmacol. of)
RN 62833-95-8 CAPLUS
CN Benzoic acid, 3-[[[(1-oxido-3-pyridinyl)carbonyl]amino]- (9CI) (CA INDEX NAME)



L8 ANSWER 36 OF 39 CAPLUS COPYRIGHT 2003 ACS
GI



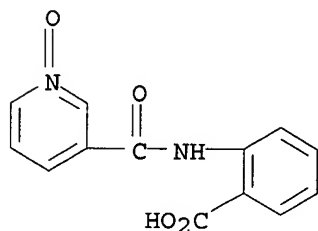
AB Amides I (R = o-, m-, or p-CO2H) with antiphlogistic activity were prepd. by treating the nicotinoyl or isonicotinoyl chloride 1-oxide with RC6H4NH2 in the presence of an HCl acceptor.

AN 1977:405812 CAPLUS
DN 87:5812
TI Preparation and antiphlogistic activity of carboxyphenylamides of nicotinic or isonicotinic acid
IN Danilenko, V. F.; Trinus, F. P.; Portnyagina, V. A.; Ryabukha, T. K.;

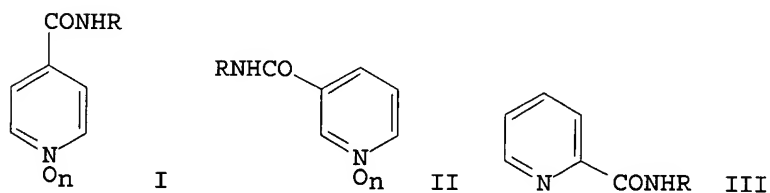
Klebanov, B. M.
 PA Kiev Scientific-Research Institute of Pharmacology and Toxicology, USSR
 SO U.S.S.R.
 From: Otkrytiya, Izobret., Prom. Obraztsy, Tovarnye Znaki 1976, 53(47),
 76.
 CODEN: URXXAF
 DT Patent
 LA Russian
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	SU 539878	T	19761225	SU 1975-2150345	19750604
PRAI	SU 1975-2150345		19750604		
IT	62833-93-6P				

RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 62833-93-6 CAPLUS
 CN Benzoic acid, 2-[[[(1-oxido-3-pyridinyl)carbonyl]amino]- (9CI) (CA INDEX
 NAME)



L8 ANSWER 37 OF 39 CAPLUS COPYRIGHT 2003 ACS
 GI



AB Ad = 1-adamantyl in this abstr. Pyridinecarboxamides I (n = 0, 1; R = Ad, p-AdC6H4, AdCHMe, AdCH2, AdCH2CH2), II (n = 0, 1), and III were prepd. in 29.8-73.0% yield by reaction of RNH2 with the resp. pyridinecarbonyl chlorides. The toxicities of I, II, and III were 150-1500 mg/kg; I (n = 1) and II (n = 1) were more toxic than I (n = 0) and II (n = 0). The most active analgesics were I, II, and III, where R = p-AdC6H4. The analgesic activity increases in going from the isonicotinic to picolinic acids. I (n = 1) and II (n = 1) had lower analgesic activity than I (n = 0) and II (n = 0). III (R = AdCH2CH2) had the max. antipyretic activity.

AN 1977:89560 CAPLUS

DN 86:89560

TI Synthesis and biological activity of adamantane derivatives. VI.
 Antiinflammatory action of adamantylamides of pyridinecarboxylic acids